

REDUNDANT NETWORK CONTROLLER MANAGEMENT SYSTEM**ABSTRACT**

A redundant network call management system comprising interconnected
duplicate call processing devices connected to a plurality of port network
5 controllers, the plurality of port network controllers interconnected via a token bus.
One of the duplicate call processing devices is active and the other call processing
device is inactive and one of the plurality of port network controllers is a master port
network controller. The active call processing device receives call requests and
processes the call requests to generate call routing instructions that are sent to the
10 master port network controller. When the interconnection between the duplicate
call processing devices fails, both of the duplicate call processing devices transition
to an active state and instruct one of the plurality of port network controllers to
operate as master. When one or more port network controller receives an
instruction to transition to a master state the one or more port network controllers
15 request a token and the port network controller that receives the token transitions to
master port network controller.